TP700
A5

INDEX---VOL. XXXIX.

A.

Ammonia, G. Shepard Page, 9
A Drop of Blood, 58.
Alizarine Industry, the, 125.
American Institute of Mining Engineers, 146.
Antiseptic Alkaloids Contained in Creosote oils, on the, 147.
Address of President Forstall, 196.
Address of General Hickenlooper, Report of Committee on, 198.

B.

Buffalo (N. Y.) Electric Street Lighting Scheme Vetoed by Mayor Manning, the, 105.
Bricks, the Testing of, 148.
Busy Firm, a, 170.

C.

Creosoting Timber, 10.
Construction of High Power Burners for Heating, the; with Suggestions for Increasing the Day and Summer Consumption of Gas, 77.
Coal and Candles, 129.
Comparative Cost of Cooking by Coal and Gas—Norton H. Humphrys, 149.
Changes in the English Patent Laws, 152.
Comparative Merits of the Pressure Governing Gas Meter and Gas Burner, 201.
*Combustion of Gas, the Proper, by W. W. Goodwin, 242.
Charitable Measure, a, 267.
Crumb of Comfort, a, 266.

CORRESPONDENCE—
Coal and Water (Lowe) Gas Making, Some Results in, 12.
Eighteen Year Old Journalists, 60.
Letter from Valparaiso, S. A., 60.
Day Consumption, 84.
Don't Believe in Water Gas, 84.
How it Appears to Observer, 108.
Opposition Companies, in Regard to, 132.
What One Newspaper Does Not Know about Gas, 156.
Query, a, 180.
Do They Blow it Out? 180.
English Gas Law and How it Works, 204.
Electric Stock-Jobbing Exhibit, 228.
Stopped Standpipes, 251.
Location of Meters, Gas Distribution, the, 251.

D.

Determination of the Temperature of Furnaces, 2.
Death of Major G. Warren Dresser, Action Taken by the Gas Institute in Reference to, 26.
Desirability of Gas Companies and Corporations Letting Out Gas Stoves on Hire, the, 99.
Dangers of Illuminating Oils, the, 127.
Dowson Gas, 150.
Display Made by the Consumers Company at the Toronto Exhibition, the, 171.
Dangerous Electric Wires, the, 276.

E.

Electric Light in Savannah, Ga., 28.
Electric Lighting, T. Smith, 30.
Eleventh Annual Meeting of the American Gas Light Association—Official Notice, 73, 97, 121, 145, 169.
English Brick for Oregon, 76.
Electricity as Applied to the Lighting of Coal Mines, 106.
English Electric Lighting Memoranda, 122.
Exhibit of the Consumers Gas Company at the Toronto Exhibition, the, 146.
Executive Committee, Report of, 198.
Eleventh Annual Meeting of the American Gas Light Association—Official Report, 195, 219, 242, 267.
Experience with Improved Furnaces, Notes on, 268.
Exhibiting a Service Pipe which had been Fused by the Edison Current, 269.

EDITORIAL—
Introductory, 1.
Benches, 25.
Health Commissioner Raymond's Report, 49.
Day Consumption, 73.
"Squantum," 97.
Sensible Mayor, a, 98.
Manchester (N. H.) Gas Works, 98.
Gas Matters in Brooklyn, N. Y., 121.
St. Louis (Mo.) Injunction Case, the, 122.
Eleventh Annual Meeting of the American Gas Light Association, the, 145.
Example of How Opposition Serves the Public, an, 146.
Why the System of Electric Street Lighting in New York City Should not be Extended, 169.
Display of Gas Appliances at the Toronto Exhibition, the, 170.
New York Meeting of the American Gas Light Association, the, 193.
Problem of Cheaper Gas, the, 217.
Prospects for Cheaper Gas in Brooklyn, N. Y., 241.
Real Civil Service Reform, 242.
Management of Small Gas Works, the, 242.
Hartford (Conn.) Will not Try the "Arc" Light, 265.
Death of Sir C. William Siemens, F.R.S., 266.

F.

Furnaces, J. Gimper, 8.
Flow of Gas through Pipes, 104.
Fireproof Walls, 129.
Fixing Salary of Secretary and Treasurer, 247.

G.

Gas Burner, the Bower-Grimston Regenerative, G. S. Page, 6.
Gas Once More in San Francisco's Streets, 26.
Gas Engine, Growing Competition of the, 50.
Gas House Lime, 57.
Giving Away Gas, 74.
Gas Poisoning, 128.
Gas Securities, The Market for, 12, 36, 60, 83, 108, 132. 156, 180, 204, 228, 251, 276.
Gas Inspectorship, Buffalo, N. Y., 180.

H.

How Ammonia is Lost in Gas Works, 76.
History of Wm. Murdock, Founder of the Gas Lighting Industry, 172.
Hartford (Conn.) Does not Want Naphtha Street Lights, 177.
He Blew Out the Gas, 180.
How the Dublin (Ireland) Gas Works Strikers Were Dealt with, 266.

I.

*Improved Gas Burners, 80.
Iron vs. Tin-Incased Wooden Shutters, 152.
In Memoriam, 271.
Items of Interest from Various Localities, 10, 34, 59, 81, 106, 129, 153, 202, 225, 249, 274.

L.

Lighting Streets, 156.

M.

Management of Small Gas Works, the, 2, 33, 58, 75.
Mixing Lime with Coal During the Process of Carbonization, 153.
Meters in Buildings, the Proper Location of, Geo. Cornell, 219.
Manufacturing Water Gas, a New Process in, T. B. Fogarty, 220.
Middlesborough Gas Exhibition, 276.

N.

New Sources of Petroleum, 10.
Notes on Gasholders, Wm. Mooney, 123.
Naphthaline, 218.
New Purifiers for the Providence (R. I.) Works, 242.
Nomination of Officers, Report of Committee on, 248.
Notes on Experience with Improved Furnaces, 268.
Next Meeting, Appointment of a Committee of Arrangements for, 270.
Natural Gas, 272.

O.

Otto Gas Engine, Experiments with an, 273.

OFFICIAL NOTICES—
New England Association of Gas Engineers, 49.
American Gas Light Association, 193.

P.

Proceedings of the Society of Gas Lighting in Relation to the Death of Major G. Warren Dresser, 2.
Petroleum Outlook, the, 26, 50, 98, 170, 194, 266.
Proper Air Supply for the Common Style of Retort Furnaces, Some Observations on the, C. J. R. Humphreys, 27.
Purification of Gas by the Use of Oxide of Iron, S. H. Douglas, 51.
Protecting Iron against Rust, 104.
Parker Gas Engine, the, 127.
Petroleum Trade of California, the, 128.
Proposed International Electrical Exhibition at Philadelphia, Pa., the, 128.
Petroleum as Fuel, 175.
Proposed Sale of the Philadelphia (Pa.) Gas Works, the, 251.
President Forstall, Passing a Vote of Thanks to, 272.

R.

Regenerator Furnaces, 56.
Report of Secretary and Treasurer, 198.
Reading of Papers, 200.
Regenerator Furnaces, W. A. Stedman, 222.
Report of Committee on Selecting Locality for Next Place of Meeting, 242.

S.

State Organization, G. G. Ramsdell, 5.
Specific Gravity of Gas, Some Observations on, the J. Somerville, 29.
Smoke Burners, E. L. Brown, 29.
Striking Oil, 74.
Sulphur Purification, Three Different Methods of, 101.
St. Louis Gas, Fuel and Light Company Enjoined, 124.
Special Committees, Appointment of, 199.
Successful Gas Manager, the, J. C. Pratt, 200.
Self-Registering Photometer, T. O'Connor Sloane, 267.
Stopped Standpipes, 269.

T.

Thanks to the Hosts, 54.

U.

Unscrupulous Corporation, an, 249.

V.

Value of Gas as an Illuminant, 80.
Various Topics, Discussion on, 273.

W.

Western Gas Association, Sixth Annual Meeting of the, Official Report, 3, 28, 51.
Weights and Measures, Western Gas Association, 54.
What the Laclede Gas Light Company Wants to do, 242.

TP700
A5

INDEX---VOL. XXXIX.

A.

Ammonia, G. Shepard Page, 9
A Drop of Blood, 58.
Alizarine Industry, the, 125.
American Institute of Mining Engineers, 146.
Antiseptic Alkaloids Contained in Creosote oils, on the, 147.
Address of President Forstall, 196.
Address of General Hickenlooper, Report of Committee on, 198.

B.

Buffalo (N. Y.) Electric Street Lighting Scheme Vetoed by Mayor Manning, the, 105.
Bricks, the Testing of, 148.
Busy Firm, a, 170.

C.

Creosoting Timber, 10.
Construction of High Power Burners for Heating, the; with Suggestions for Increasing the Day and Summer Consumption of Gas, 77.
Coal and Candles, 129.
Comparative Cost of Cooking by Coal and Gas—Norton H. Humphrys, 149.
Changes in the English Patent Laws, 152.
Comparative Merits of the Pressure Governing Gas Meter and Gas Burner, 201.
*Combustion of Gas, the Proper, by W. W. Goodwin, 242.
Charitable Measure, a, 267.
Crumb of Comfort, a, 266.

CORRESPONDENCE—
Coal and Water (Lowe) Gas Making, Some Results in, 12.
Eighteen Year Old Journalists, 60.
Letter from Valparaiso, S. A., 60.
Day Consumption, 84.
Don't Believe in Water Gas, 84.
How it Appears to Observer, 108.
Opposition Companies, in Regard to, 132.
What One Newspaper Does Not Know about Gas, 156.
Query, a, 180.
Do They Blow it Out? 180.
English Gas Law and How it Works, 204.
Electric Stock-Jobbing Exhibit, 228.
Stopped Standpipes, 251.
Location of Meters, Gas Distribution, the, 251.

D.

Determination of the Temperature of Furnaces, 2.
Death of Major G. Warren Dresser, Action Taken by the Gas Institute in Reference to, 26.
Desirability of Gas Companies and Corporations Letting Out Gas Stoves on Hire, the, 99.
Dangers of Illuminating Oils, the, 127.
Dowson Gas, 150.
Display Made by the Consumers Company at the Toronto Exhibition, the, 171.
Dangerous Electric Wires, the, 276.

E.

Electric Light in Savannah, Ga., 28.
Electric Lighting, T. Smith, 30.
Eleventh Annual Meeting of the American Gas Light Association—Official Notice, 73, 97, 121, 145, 169.
English Brick for Oregon, 76.
Electricity as Applied to the Lighting of Coal Mines, 106.
English Electric Lighting Memoranda, 122.
Exhibit of the Consumers Gas Company at the Toronto Exhibition, the, 146.
Executive Committee, Report of, 198.
Eleventh Annual Meeting of the American Gas Light Association—Official Report, 195, 219, 242, 267.
Experience with Improved Furnaces, Notes on, 268.
Exhibiting a Service Pipe which had been Fused by the Edison Current, 269.

EDITORIAL—
Introductory, 1.
Benches, 25.
Health Commissioner Raymond's Report, 49.
Day Consumption, 73.
"Squantum," 97.
Sensible Mayor, a, 98.
Manchester (N. H.) Gas Works, 98.
Gas Matters in Brooklyn, N. Y., 121.
St. Louis (Mo.) Injunction Case, the, 122.
Eleventh Annual Meeting of the American Gas Light Association, the, 145.
Example of How Opposition Serves the Public, an, 146.
Why the System of Electric Street Lighting in New York City Should not be Extended, 169.
Display of Gas Appliances at the Toronto Exhibition, the, 170.
New York Meeting of the American Gas Light Association, the, 193.
Problem of Cheaper Gas, the, 217.
Prospects for Cheaper Gas in Brooklyn, N. Y., 241.
Real Civil Service Reform, 242.
Management of Small Gas Works, the, 242.
Hartford (Conn.) Will not Try the "Arc" Light, 265.
Death of Sir C. William Siemens, F.R.S., 266.

F.

Furnaces, J. Gimper, 8.
Flow of Gas through Pipes, 104.
Fireproof Walls, 129.
Fixing Salary of Secretary and Treasurer, 247.

G.

Gas Burner, the Bower-Grimston Regenerative, G. S. Page, 6.
Gas Once More in San Francisco's Streets, 26.
Gas Engine, Growing Competition of the, 50.
Gas House Lime, 57.
Giving Away Gas, 74.
Gas Poisoning, 128.
Gas Securities, The Market for, 12, 36, 60, 83, 108, 132. 156, 180, 204, 228, 251, 276.
Gas Inspectorship, Buffalo, N. Y., 180.

H.

How Ammonia is Lost in Gas Works, 76.
History of Wm. Murdock, Founder of the Gas Lighting Industry, 172.
Hartford (Conn.) Does not Want Naphtha Street Lights, 177.
He Blew Out the Gas, 180.
How the Dublin (Ireland) Gas Works Strikers Were Dealt with, 266.

I.

*Improved Gas Burners, 80.
Iron vs. Tin-Incased Wooden Shutters, 152.
In Memoriam, 271.
Items of Interest from Various Localities, 10, 34, 59, 81, 106, 129, 153, 202, 225, 249, 274.

L.

Lighting Streets, 156.

M.

Management of Small Gas Works, the, 2, 33, 58, 75.
Mixing Lime with Coal During the Process of Carbonization, 153.
Meters in Buildings, the Proper Location of, Geo. Cornell, 219.
Manufacturing Water Gas, a New Process in, T. B. Fogarty, 220.
Middlesborough Gas Exhibition, 276.

N.

New Sources of Petroleum, 10.
Notes on Gasholders, Wm. Mooney, 123.
Naphthaline, 218.
New Purifiers for the Providence (R. I.) Works, 242.
Nomination of Officers, Report of Committee on, 248.
Notes on Experience with Improved Furnaces, 268.
Next Meeting, Appointment of a Committee of Arrangements for, 270.
Natural Gas, 272.

O.

Otto Gas Engine, Experiments with an, 273.

OFFICIAL NOTICES—
New England Association of Gas Engineers, 49.
American Gas Light Association, 193.

P.

Proceedings of the Society of Gas Lighting in Relation to the Death of Major G. Warren Dresser, 2.
Petroleum Outlook, the, 26, 50, 98, 170, 194, 266.
Proper Air Supply for the Common Style of Retort Furnaces, Some Observations on the, C. J. R. Humphreys, 27.
Purification of Gas by the Use of Oxide of Iron, S. H. Douglas, 51.
Protecting Iron against Rust, 104.
Parker Gas Engine, the, 127.
Petroleum Trade of California, the, 128.
Proposed International Electrical Exhibition at Philadelphia, Pa., the, 128.
Petroleum as Fuel, 175.
Proposed Sale of the Philadelphia (Pa.) Gas Works, the, 251.
President Forstall, Passing a Vote of Thanks to, 272.

R.

Regenerator Furnaces, 56.
Report of Secretary and Treasurer, 198.
Reading of Papers, 200.
Regenerator Furnaces, W. A. Stedman, 222.
Report of Committee on Selecting Locality for Next Place of Meeting, 242.

S.

State Organization, G. G. Ramsdell, 5.
Specific Gravity of Gas, Some Observations on, the J. Somerville, 29.
Smoke Burners, E. L. Brown, 29.
Striking Oil, 74.
Sulphur Purification, Three Different Methods of, 101.
St. Louis Gas, Fuel and Light Company Enjoined, 124.
Special Committees, Appointment of, 199.
Successful Gas Manager, the, J. C. Pratt, 200.
Self-Registering Photometer, T. O'Connor Sloane, 267.
Stopped Standpipes, 269.

T.

Thanks to the Hosts, 54.

U.

Unscrupulous Corporation, an, 249.

V.

Value of Gas as an Illuminant, 80.
Various Topics, Discussion on, 273.

W.

Western Gas Association, Sixth Annual Meeting of the, Official Report, 3, 28, 51.
Weights and Measures, Western Gas Association, 54.
What the Laclede Gas Light Company Wants to do, 242.